

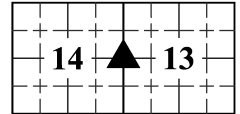
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N5W_L21

Quarter Corner

Sections 13 & 14 - T06N – R05W, 2nd P.M.

Taylor Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

1-1/4" galvanized iron pipe with a degraded plastic plug (likely Dorman) found 9" above grade at the northwest corner of a 4-way fence.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location.

The pipe was found 0.25 feet northwest of the northwest corner of a 6" x 6" corner post under a north/south electric transmission line. A Greene County Survey Marker sign was nailed to the west side of the post 4.3 feet above grade.

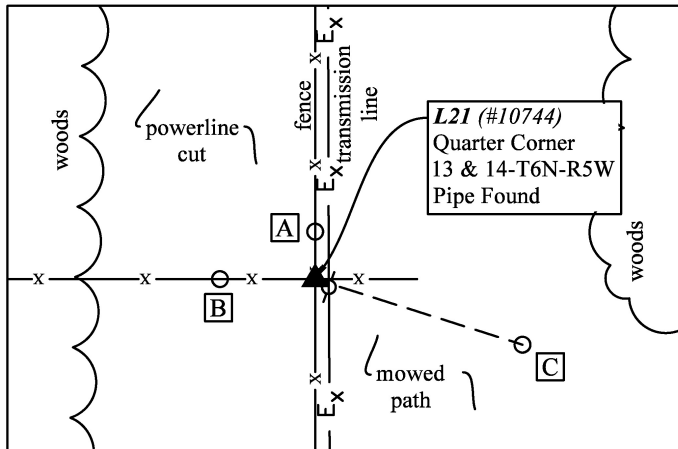
GEODETIC COORDINATES: (OSM #10744)

Northing	Easting	Datum	Datum Details
301916.05	837890.11	InGCS Greene Zone	US Survey Feet, NAD 83 (2011) epoch 2010.00,
1349936.06	2998497.86	NAD83(2011) IN West Zone	NAVD 88, geoid18_conus.db3

WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	North	7.2'	2" mag nail and 1-1/2" orange plastic disc set 9" above grade on the west side of a 6" x 6" wood post
B	West	14.4'	2" mag nail and 1-1/2" orange plastic disc set 14" above grade on the north side of a 5" x 6" wood post
C	S 72° E	33.0	2" x 4.8-foot tall red pvc pipe over a steel t-post

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image.



CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government land surveyors monumented the section corners and quarter corners of each section with wooden posts in the early 1800s. The task of replacing the original wooden posts with permanent objects such as stones and setting permanent objects at the center of section and other interior aliquot corners was left to the county surveyors (in the 1800s and early 1900s) and later to local surveyors in private practice. No record was found of a stone being set to replace the original wooden post. A survey of origin for the iron pipe was not found. The plastic plug is illegible, but prior surveyors noted that it was stamped Dorman. It first appeared in the survey record in 2002 and has been accepted by all subsequent surveyors. We accepted the pipe as the corner by common report.

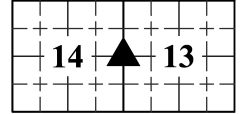
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EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811 By: Arthur Henrie

Where filed or recorded: F EV05P463

Original monument: Wooden Post

Bearing Trees	Bearing	Distance
18" b.oak	N 20 W	27 lks = 17.82 ft
10" b.walnut	S 18 E	8 lks = 5.28 ft

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

See below. Two county surveyors referenced this corner in their surveys but did not describe or witness the monument.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
03/12/1851	Cressy, F.B.	Legal Survey in Sec. 14	LSB1, pg 233
03/02/1855	Burr, P	Legal Surveys in Section 2, 11, 13, & 14	LSB3, pg 30
07/10/2000	Sturgeon, Elliott	1.063-acre Blaker Tract in Sec.13 (<i>post</i>)	2000-3346
06/21/2002	Campbell, Steven	Perlich Survey in Sec. 14 (<i>iron pipe next to a corner post with fence running north, south, east, and west</i>)	GCSO
01/25/2007	Tibbett, James	Survey for Kelly Rae (Emery) Anderson (<i>Henry Dorman pipe found – survey not of record</i>)	GCSO
12/02/2013	James, Marty	Bloomfield School Athletic Facility Survey in Sec. 13 & Sec.14 (<i>1-1/4" pipe with Dorman plug found 0.6 feet above grade at a 4-way fence intersection</i>)	2014-2262
11/29/2017	Deckard, Eric	Woodward Survey in Sec. 14 (<i>calculated pipe per James survey</i>)	2018-0075

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: The pipe is 6.2 feet south and 5 feet west of the midpoint between section corners to the north and south.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED:



Photo Orientation & Description: Pipe at L21



Photo Orientation & Description: Looking southeast at L21

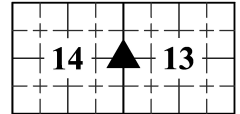
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FIELD PERSONNEL:

Field Date: 06/13/2023 By: Rachel Oser and Phillip Oser Project: Oser Surveying & Mapping LLC Job# 10248
Corner Perpetuation Survey for Taylor Township Sections 2, 11, 14 & 23, Township 6 North, Range 5 West

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Most distances to witness ties are ground and were measured with a 100' steel tape from the monument to the mag nail. When it was not practical to set a mag nail or hack a tree, bearings and distances were measured to the center of the BT. Distances approaching or in excess of 100 feet were measured by locating the reference object with RTK. Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:

Rachel Oser
Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
(812) 320-2694 • Rachel@OserSurveying.com

Date: 10/31/2023



This document is not complete without the associated plat and report of even date.